Quarterly Review

of

Ophthalmology

VOLUME 7

1951

CUMULATIVE SUBJECT INDEX

VOLUME 7

* indicates original article

ABDUCTION
—clinical significance of the abduction findings, 183

ACCOMMODATION
—accommodation and convergence in a patient with Adie's pupil, 304
—accommodative-convergence in presbyopia, 184
—zone of clear single vision at the upper limits of accommodation and convergence, 163
fatigue:
—experimental studies of fatigue of accommodation, 160

ACTH
—oreton and ACTH found to improve vision and general physical condition among relatively young cataract patients suffering from glandular deficiencies, 166

ADIE'S PUPIL
—accommodation and convergence in a patient with Adie's pupil, 304

ADOLESCENCE
—changes in vision during adolescence, 97

ANESTHESIA
intravenous:
—intravenous morphine in ocular surgery, 308
spinal:
—paralysis of extraocular muscles following spinal anesthesia, 77

ANEURYSMS
—venous aneurysms of the orbit, 307

ANNOUNCEMENTS
—American Academy of Ophthalmology and Otolaryngology, election of officers, 317
—International Congress of Ophthalmology in 1954, 318

ANTIBIOTICS
—recent advances in the use of antibiotics and steroids in ophthalmology, 1*

ANTICOAGULANTS
—some remarks on retinal vein thrombosis and its treatment with anticoagulants, 94

ASTIGMOMETER
—simplified astigmometer, 74

ATROPINE
—atropine as a pressure-reducing agent in juvenile glaucoma, 90

AUREOMYCIN
—topical aureomycin (oily suspension) in ophthalmology, first reports on 47 cases, 174
—use of aureomycin and chloramphenicol in the treatment of trachoma, 175

AVIATION
—abstracts on military and aviation ophthalmology and visual sciences, 32-71; 110-157; 206-251; 253-259

BLIND SPOT
—relation between the size of the blind spot and the presence of general infection, 191

BLINDNESS
—battle against blindness, 200
—blindness in premature infants, with special reference to retrolental fibroplasia, 177
—why and how we help parents to train blind babies, 314

BOECK'S SARCOID
—ocular manifestations of Boeck's sarcoid, report of four cases, 200

BOOK REVIEWS
—Encyclopedia of the eye, diagnosis and treatment, 203
—Essentials of ophthalmology, 203
—Eyes and industry, 96
—Journey into light, 204
—References on vision, 203
—Scientific medical and technical books (1945-1948), 204

BRAIN
tumors:
—tumours of the brain, occipital lobe, their signs and symptoms, 307

CATARACT
—medical treatment of cataract, 168
—oreton and ACTH found to improve vision and general physical condition among relatively young cataract patients suffering from glandular deficiencies, 166
postoperative treatment:
—ultra short-wave therapy in postoperative (extra capsular) treatment of cataract, 168
surgery:
—advances in cataract surgery, 189
—cataract extraction with erisphake, 187
—forceps for corneoscleral sutures, 167
—postoperative hemorrhages in cataract, 167
—problems of cataract surgery, 187

CHILDREN
—changes in visual skills of school children following summer vacation, 198
—optic atrophy in infancy, childhood and adolescence, a survey of 81 cases, 193
—visual correction and school achievement, 317
—visual maturation, 201
—why and how we help parents to train blind babies, 314

CHLORAMPHENICOL
—use of aureomycin and chloramphenicol in the treatment of trachoma, 175

CHORIORETINITIS
—technique of sphenopalative ganglion therapy for chioretinitis, 196

CHOROID
tumors:
—visual field changes due to tumors of the choroid, 194

CHOROIDITIS
—about anterior choroiditis in chronic uveitis, 82
—primary pigmentary degeneration of the retina and intercurrent disseminated choroiditis, 190

COLOR BLINDNESS
—electrophysiological studies of color blindness, 83

COLOR VISION
—colour vision in Buganda Africans, 306

CONJUNCTIVA
palpebral:
—use of a dental mouth mirror to inspect the conjunctiva, 302

CONJUNCTIVITIS
—Gantrisin in the treatment of conjunctivitis, a clinical evaluation, 172
CONTACT LENSES
—report on ten cases fitted with the Feinbloom self-centering corneal contact lens, 185
—twelve consecutive case reports from the contact lens clinic, 162
CONVERGENCE
—accommodation and convergence in a patient with Adie's pupil, 304
—accommodative convergence in presbyopia, 184
—comparison of clinical methods of measuring accommodative-convergence, 76
—orthoptic training in convergence deficiency uncovers latent vertical imbalance, 77
—relationship of proximal convergence to fusional and accommodative convergence, 302
—zone of clear single vision at the upper levels of accommodation and convergence, 163
COORDINATION
—effect of base-out prisms on eye-hand coordination, 183
CORNEA—*See also Keratitis.*
—chickenpox in the cornea, 79
opacities:
—case of primary band-shaped opacity of the cornea, 80
surgery:
—new electro-motor cornea-trephine for keratoplasty, 164
transplantation:
—corneal transplantation, 78
—influence of donor-recipient sensitization on corneal grafts, 81
CORTISONE
—clinical observations on the use of cortisone in ophthalmic diseases, preliminary report, 95
—cortisone in the eye, 311
—cortisone in eye disease, 310
—Eales' disease treated with cortisone, streptomycin and vitamin C, 172
—topical cortisone in eye disease, 196
DENTAL MIRROR
—use of a dental mirror to inspect the conjunctiva, 302
DIABETES MELLITUS
—diabetic retinopathy, 3*
EALES' DISEASE
—Eales' disease treated with cortisone, streptomycin and vitamin C, 172
ELECTRORETINOGRAPHY
—clinical electroretinography, a review of the literature, 99*
ELLIOT'S OPERATION
—Elliot's operation is only an inclusion of the iris or of the ciliary body, 170
ERISIPHAKE
—cataract extraction with the erisiphake, 187
ESOTROPIA
—esotropia, incidence, etiology and results of therapy, 303
EXOPHTHALMOS
—eye in hyperthyroidism, 172
EYE STRAIN
—analysis of television and eye strain, 178
EYELIDS
—effects of repeated pre-testing with conditioned stimulus upon extinction of the conditioned eyelid response to light, 301
—granuloma artificiale in the region of the eye, 91
—gumma of the eyelids, 91
upper:
—on the spasmodic retraction of the upper eyelid, 170
EYES
diseases:
—glance at modern treatment in ophthalmology, 312
in industry—See Industrial Ophthalmology.
infections—See also under names of specific infections.
—bacteriology of eye infections in the Mid-West, U.S.A., 175, 186
injuries:
—emergency treatment of eye injuries, 313
muscles:
—paralysis of extraocular muscles following spinal anesthesia, 77
tuberculosis—See Tuberculosis, ocular.
FLICKER
—flicker fusion threshold in normal persons, 182
—some psychological factors in flicker and fusion, 181
FUNDUS
—fundus changes in leukemia, 308
FUSION
—flicker fusion threshold in normal persons, 182
—some psychological factors in flicker and fusion, 181
GANTRISIN
—Gantrisin in the treatment of conjunctivitis, a clinical evaluation, 172
GLAUCOMA
—prevention in the fight against glaucoma, 195
surgery:
—glaucoma, surgical complications, 86
—Elliot's operation is only an inclusion of the iris or of the ciliary body, 170
—postoperative gonioscopic evaluation of pressure reducing operations in simple glaucoma, 85
—surgical treatment of glaucoma, a study of seventy-five consecutive cases, 194
treatment:
—atropine as a pressure-reducing agent in juvenile glaucoma, 90
GONIOSCOPY
—postoperative gonioscopic evaluation of pressure reducing operations in simple glaucoma, 85
GRANULOMAS
—granuloma artificiale in the region of the eye, 91
GUMMA
—gummas of the eyelid, 91
HEAD
position:
—compensatory cyclo-torsion and visual acuity, 185
HEMIANOPIA
—homonymous hemianopia with partial sparing of the macula, 171
HEMORRHAGE
—postoperative hemorrhages in cataract, 167

HYPERTHYROIDISM
—eye in hyperthyroidism, 172
HYSTERIA
—ocular manifestations of hysteria, 171
ILLUMINATION—*See Lighting*
INDUSTRIAL OPHTHALMOLOGY
—approach to personal problems through visual performance tests, 201
—eyes in industry, 176
—industrial visual screening, 312
INFANTS—*See also Children.*
premature:
—blindness in premature infants, with special reference to retrolental fibroplasia, 177
INFECTIONS
—relation between the size of the blind spot and the presence of general infection, 191
ocular—See Eyes, infections; also under names of specific infections.
INTRAOCULAR PRESSURE
—effect of nitrogen mustard on the intraocular pressure, 96
KERATITIS
—keratitis of mycosis fungoides, 164
KERATOCONJUNCTIVITIS
—epidemic keratoconjunctivitis, 306
KERATOPLASTY—*See Cornea, surgery.*
KIDNEYS
disease:
—ophthalmologic aspects of chronic renal disease, 309
LENSES—*See also Contact Lenses.*
—short history of spectacles, 199
LEUKEMIA
—fundus changes in leukemia, 308
LIGHT
—effects of continuous light or darkness on thyroid function in mice, 179
LIGHTING
—practical lighting, 314
—modern lighting and ocular pathology, 197
MACULA
—homonymous hemianopia with partial sparing of the macula, 171
MAGNIFICATION
—study of the flattening effect produced by optical magnification, 301
MENINGIOMAS
—suprasellar meningiomas, report of an atypical case, 192
MIKULICZ'S DISEASE
—case of Mikulicz's disease, 307
MILITARY OPHTHALMOLOGY
—abstracts on military and aviation ophthalmology and visual sciences, 32-71; 110-157; 206-251; 253-259
—military requirements and vision training, 316
MUSCLES
extraocular—See Eye, muscles.
MYCOSIS FUNGOIDES
—keratitis of mycosis fungoides, 164
MYDRIASIS
—functional unilateral mydriasis, report of three cases, 81
MYOPIA
—analysis of inhomogeneity of myopia in adults, 159
NEAR-POINT
—skiametric determination of the near-point Rx, 160
NEURINOMAS
—neurinoma of the orbit, 92
NITROGEN MUSTARD
—effects of nitrogen mustard on the intraocular pressure, 96
OCULAR-MUCOUS MEMBRANE SYNDROME
—ocular-mucous membrane syndrome, 162
OPHTHALMOLOGY
—State of Illinois cooperates with the ophthalmologist and otolaryngologist, 315
OPHTHALMOSCOPE
—ophthalmoscope for examination of skin lesions, 182
OPTIC NERVE
atrophy:
—optic atrophy in infancy, childhood and adolescence, a survey of 81 cases, 193
OPTIC NEURITIS
—syphilitic optic neuritis, 84
OPTOMETRY
—relation of refractive errors to optometric tests, 75
colleges:
—relationship of pre-optometry college work to performance in optometry college courses, 96
ORBIT
—venous aneurysms of the orbit, 307
surgery:
—present status of orbital implants, 93
—use of paladon as a heteroplastic implantation material in bony defects of the orbit and its vicinity, 91
tumors:
—neurinoma of the orbit, 92
ORETON
—oreton and ACTH found to improve vision and general physical condition among relatively young cataract patients suffering from glandular dificiencies, 166
ORTHOPTICS
—balancing visual stimuli in orthoptic training, 75
—orthoptic training in convergence deficiency uncovers latent vertical imbalance, 77
OTOLARYNGOLOGY
—State of Illinois cooperates with the ophthalmologist and otolaryngologist, 315
PALADON
—use of paladon as a heteroplastic implantation material in bony defects of the orbit and its vicinity, 91
PAPILLEDEMA
—case of bilateral papilledema, 191
PARA-AMINOSALICYLIC ACID—*See PAS.*
PAS
—further experiences with PAS, 174
PLACENTAL IMPLANTS
—placental implants in ophthalmology, 82
PRESBYOPIA
—accommodative-convergence in presbyopia, 184
PRISMS
—effect of base-out prisms on eye-hand coordination, 183
PROMIZOLE
—studies in experimental ocular tuberculosis, effect of streptomycin and promizole in

experimental ocular tuberculosis in the normal rabbit, 96
PSEUDOPAPILLITIS
—congenital retinal fold in association with pseudopapillitis, 169
PSYCHOSOMATIC MEDICINE
—disturbances of vision in mental disease, 98
—ocular manifestations of hysteria, 171
—some psychological factors in flicker and fusion, 181
—veridical perception, 181
PTERYGIUM
—pterygia, etiologic theories, methods of treatment, and results, 306
—surgical treatment of recurrent pterygium by an autoplastic procedure with a free graft from the conjunctiva, 164
PUPIL—*See Adie's Pupil.*
READING
—problem of the poor reader, 303
REFRACTION.
—relation of refractive errors to optometric tests, 75
—stigmatoscopy method of determining the binocular refractive status, 160
RETINA
—*angioid* streaks of the retina, discussion of heredity and evolution, 169
—clinical retinography, a review of the literature, 99*
—congenital retinal fold in association with pseudopapillitis, 169
—diagnosis of abnormal retinal correspondence, 184
—retinal correspondence in patients with small degree strabismus, 304
—retinal miror reflexes, 73
detachment:
—treatment of detached retinae, 189
hemangioblastoma:
—hemangioblastoma of the retina (*von Hippel-Lindau's* disease), 84
veins:
—some remarks on retinal vein thrombosis and its treatment with anticoagulants, 94
RETINITIS PIGMENTOSA
—primary pigmentary degeneration of the retina and intercurrent disseminated choroiditis, 190
RETINOPATHY
—diabetic retinopathy, 3*
RETINOSIS
—central serous retinosis and its relation to other acquired impairments of central vision, 190
RETROLENTAL FIBROPLASIA
—blindness in premature infants, with special reference to retrolental fibroplasia, 177
—retrolental fibroplasia, report of two South African cases and a brief review of the literature, 177
SKIAMETRY
—skiametric determination of the near-point Rx, 160
SKIN
diseases:
—ophthalmoscope for examination of skin lesions, 182
SPECTACLES
—short history of spectacles, 199
SPHENOPALATINE GANGLION BLOCK
—technique of sphenopalatine ganglion therapy in chorioretinitis, 196
SQUINT
treatment:
—pre-orthoptic care of the very young squinter, 76
STEROIDS
—recent advances in the use of antibiotics and steroids in ophthalmology, 1*
STIGMATOSCOPY
—stigmatoscopy method of determining the binocular refractive status, 160
STRABISMUS
—method for objective investigation of strabismus, 183
—retinal correspondence in patients with small degree strabismus, 304
treatment:
—surgical management of concomitant strabismus, 159
STREPTOMYCIN
—Eales' disease treated with cortisone, streptomycin and vitamin C, 172
—studies in experimental ocular tuberculosis, effect of streptomycin and promizole in experimental ocular tuberculosis in the normal rabbit, 96
SUCTION CUP
—effect of the suction cup sucked to the surface of the eye on intraocular pressure and the serviceableness of the suction cup as an ophthalmodynamometer, 73
SULFONAMIDES—*See Gantrisin.*
SYPHILIS—*See also Gumma.*
—syphilitic optic neuritis, 84
TELEVISION
—analysis of television and eye strain, 178
—effect of light absorbing filters on the discernibility of television test pattern, 198
TESTOSTERONE—*See Oreton.*
THROMBOSIS
—some remarks on retinal vein thrombosis and its treatment with anticoagulants, 94
THYROID
—effects of continuous light or darkness on thyroid function in mice, 179
TRACHOMA
—anti-trachoma campaign in Gozo, 186
—use of aureomycin and chloramphenicol in the treatment of trachoma, 175
TRIFOCALS
—trifocal lenses, a clinical study based upon 22,640 trifocal prescriptions, 305
—trifocals, fitting possibilities and problems, parts I and II, 161
TRIMETHOXY-AURINE
—four cases of ocular tuberculosis treated with trimethoxy-aurine, 173
TUBERCULOSIS
ocular:
—four cases of ocular tuberculosis treated with trimethaxy-aurine, 173
—further experiences with PAS, 174
—studies in experimental ocular tuberculosis, effect of streptomycin and promizole in experimental ocular tuberculosis in the normal rabbit, 96
TULAREMIA
—oculoglandular tularemia transmitted from contaminated sewage water, 310
ULTRA SHORT-WAVE
—Ultra short-wave therapy in postoperative

(extracapsular) treatment of cataract, 168
UVEITIS
—about anterior choroiditis in chronic uveitis, 82
VISION
—abstracts on military and aviation ophthalmology and visual sciences, 32-71; 110-157; 206-251; 253-299
—changes in vision during adolescence, 97
—compensatory cyclo-torsion and visual acuity, 185
—effects of uniform and non-uniform surrounds on foveal vision, 74
—military requirements and vision training, 316
—modern lighting and ocular pathology, 197
—veridical perception, 181
—visual correction and school achievement, 317
—visual field changes in tumors of the choroid, 194
—visual maturation, 201
—zone of clear single vision at the upper levels of accommodation and convergence, 163
defective:
—central serous retinosis and its relation to other acquired impairments of central vision, 190
—disturbances of vision in mental disease, 98
—Peoria visual screening project, 97
tests:
—approach to personnel problems through visual performance tests, 201
—changes of visual skills of school children following summer vacation, 198
tests:
—factor analysis of vision tests, 316
VITAMIN C
Eales' disease treated with cortisone, streptomycin and vitamin C, 172

CUMULATIVE AUTHOR INDEX

A
Alexander, Harold B., 187
Alpern, Mathew, 163
Anderson, George H., 200
Arato, Stephen, 164
Atkinson, D. T., 159
Audet, J., 195
Austin, Agnes Sutton, 304
Auvert, M. Jertranne, 170

B
Bailey, Neal J., 183
Bannon, Robert E., 160, 305, 316
Bartlett, R. E., 306
Bartley, S. Howard, 301
Benedict, W. L., 307
Berenholtz, Harry, 161
Berens, Conrad, 1*, 32*, 99*, 110*, 160, 203, 206, 253*
Blair, E., 197
Brown, M. H., 96

C
Cameron, W. T., 312
Cassady, J. V., 91
Chavany, J. A., 170
Cooley, F. H., 160
Cordes, Frederick C., 193
Conzi, Jacques, 173
Crawford, J. S., 93
Croll, Leo, 78
Croll, Maurice, 78
Culler, Arthur M., 308

D
Davson, Hugh, 96
De Ocampo, G., 187
Desvignes, Pierre, 165
Duchon, M. L., 175, 186
Duggan, Walter F., 194
Dunn, Austin G., 200

E
Edmund, Jens, 80
Etzine, S., 82

F
Fabricant, Noah D., 182
Farmer, H. S., 175
Fisher, Harold M., 160
Foote, F. M., 200
Francois, J., 170
Frandsen, Emil, 79
Freeman, Eugene, 181
Fry, Glenn A., 74, 160
Funkhouser, James B., 98

G
Gallagher, J. Roswell, 97
Gill, Elbyrne G., 189, 194
Gordon, Benjamin L., 199
Graham, Robert, 198
Grant, David A., 301
Graveson, G. S., 84
Gulyask, Joseph, 1*
Guth, S. K., 75

H
Haines, Howard F., 77, 201
Hake, Harold W., 301
Hall, R. M., 75
Harrigan, R. F., 304
Hawkins, R. R., 204
Henderson, John W., 95
Hermann, Pierre, 164
Hirsch, Monroe J., 159, 191
Hofstetter, H. W., 96, 198, 302
Hollenhorst, Robert W., 95, 309
Holm, Ejler, 73
Huber, Alfred, 96
Huggert, A., 82

J
Jacobson, Jerry Hart, 99*
Jampolsky, Arthur, 303, 304
Jensen, Bruce, 314
Jensen, Carl D. F., 196
Johnson, E. A., 308
Joy, Harold J., 192

K
Kaye, H., 177
Keeney, Arthur H., 190
Kelly, R. G. C., 313
Kephart, Newell C., 198, 317
Knox, George W., 181
Kobes, Herbert R., 315
Kostlan, Albert, 301
Kratz, J. Donald, 183
Krause, A. C., 177
Krimsky, Emanuel, 183
Ku, Y. C., 77
Kuhn, Hedwig S., 96

L
Lacerte, J., 312
Larmande, A., 175
Larsson, Sven, 94
Lebensohn, James E., 74
Lewis, Philip, M., 86
Light, D. S., 171
Lindsay, W. R. N., 310
Luckiesh, Matthew, 75

M
Macrae, H. H., 189

Mahon, Desmond, 172
Manas, Leo, 75
Manwiller, Russel S., 162
Maumenee, A. E., 81
Mautner, L. S., 307
Mazzoni, Henry A., 198
Meano, J. H., 94
Meites, J., 179
Morgan, Meredith W., 76, 184, 340
Motokawa, Korti, 83
Much, Viktor, 168
Mumma, C. S., 306
Murroughs, Thaddeus R., 182

N

Naquin, H., 96
Naval Medical Research Institute, 203
Nord, Borje, 94

O

Ormsby, H. L., 306

P

Parkinson, Craig D., 307
Pichette, H., 195
Portmann, U. P., 169
Potter, J. A., 97
Pritikin, R. I., 175, 186, 203
Puntriano, G., 178

Q

Quinn, Lester H., 172

R

Rados, Andrew, 84
Rakoff, A. E., 166, 168
Ramsay, R. R., 191
Remky, H., 90
Riffffenburgh, Ralph S., 172
Riopelle, Arthur J., 301
Robinson, H. M., Jr., 162
Rosenthal, J. W., 193
Ross, Arnold L., 171
Ross, Ishbel, 204
Ross, Joseph, 81
Rudolph, A. M., 177
Ruskin, S. L., 196

S

Saltzman, S. L., 121
Schapero, Max, 191
Schlossman, A., 184
Scobee, Richard G., 303
Scott, J. W., 310
Sedan, Jean, 167
Sells, S. B., 160
Sheppard, L. Benjamin, 3*, 32*, 110*, 206*
Sherman, R. A., 201
Siegel, Edward, 203
Simmons, Bernard, 178
Simon, Kurt, 306
Sloane, Albert E., 97
Smith, William, 76
Stallard, H. B., 165
Stanbury, J., 94
Standal, Brynjulv, 92
Stankovic, M., 164
Stein, Harold, 198
Street, Judd, 96
Streiff, E. B., 169
Suzuki, Kiitiro, 83
Sysi, R., 73, 91

T

Tabone, V., 186
Teitgen, R. E., 307
Textor, R. T., 160
Titcomb, Lillian Ray, 314
Toulant, M., 175
Toulant, P., 175
Tower, Paul, 167
Town, Arno E., 166, 168
Trevor-Roper, P. D., 169
Trope, R. A., 174, 310
Tseng, H. C., 77
Turner, Charles C., 302
Turner, Clifton S., 97

V

Van Beuningen, E. G. A., 85
Vies, Irving, 185

W

Wallach, Morton B., 182
Walser, E., 91
Walton, William G., Jr., 185
Woods, Alan, 96
Wright, W. D., 176

Z

Zachert, Virginia, 316

Laboratories of The United States Testing Company Report

The Facts About the Comparativ

FACT 1

The laboratories of the United States Testing Company have proved that Univis is clearly the finest of the eight most widely known straight-top bifocal lenses.

Test Report No. 40953

The United States Testing Company, established in 1880, is worl nowned; employing specialists in the fields of chemistry, biology, physic engineering. Their staff includes optical experts highly qualified to test thalmic multifocals on the basis of quality standards expected of first lenses by top prescription laboratories.

On the basis of absolute proof, there can no longer be any doubt as to which straight-top bifocal is best. Univis "D" superiority is a proved fact. The wide margin of its supremacy destroys all claims of "just as good" and "almost as good." Report Number 40953 from the United States Testing Company proves Univis "D" quality to be *vastly superior* to the seven other widely known straight-top bifocals tested.

Here's what the United Sta Testing Company establish through comparative tests:

1. **Surface Quality—Univis is pr BEST.**
2. **Contact Quality—Univis is pr BEST.**
3. **Reading Addition Accuracy—Uni proved BEST.**
4. **Freedom from Cylinder or Aberr in Segment—Univis is proved**
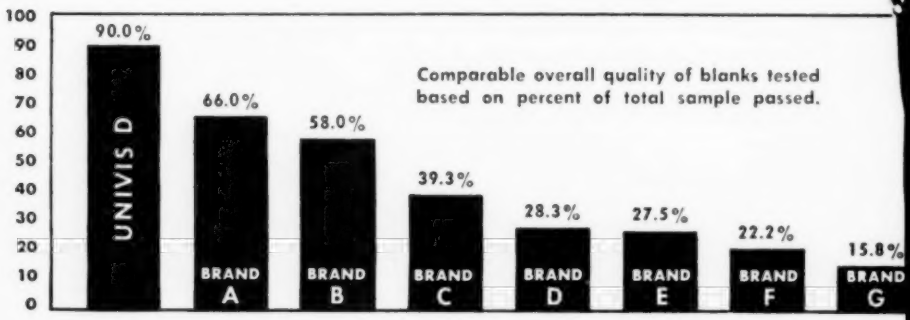
Chart below shows the composite quality values of Univis "D" as compared seven other best known straight-top bifocals.